

UCC's Widespread Activities, Processes And Products Will Be Related In 'The Carbide Story' Here This Week



T. C. Fetherston
Union Carbide

Interesting Program To Be Shown Ridgers Thursday And Friday

One of the most interesting and instructive explanations of the operations of a major industrial organization ever presented the public will be unfolded to Y-12ers and other Oak Ridgers Thursday and Friday nights of this week when "The Carbide Story" will be presented at the civic auditorium in the new high school building. "The Carbide Story" is a program of talks and demonstrations of the

MORE CARBIDE NEWS, PICTURES ON PAGE FOUR

A separate story on development of Dynel, new synthetic textile fibre evolved by Carbide and Carbon Chemicals Company, and other news concerning Union Carbide and its units is on Page Four.

widespread activities, processes and products of various units of Union Carbide and Carbon Corporation.

Representatives To Speak

Representatives of the parent organization, Union Carbide, and its units (pictured at left) will be on hand to explain the operations of the various organizations, how their products are made and the many uses to which they are put. Visual demonstrations also will be presented.

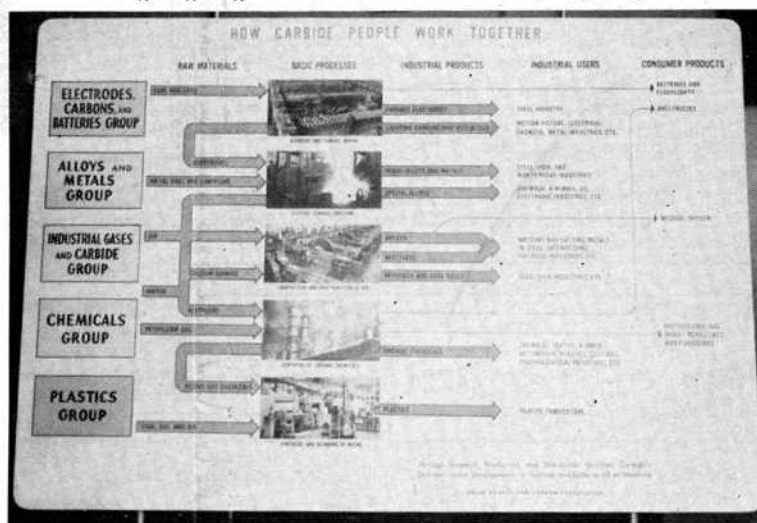
"The Carbide Story" will be presented at 8:15 o'clock each night and admission, of course, is free. A special showing will be held at 9 o'clock Friday morning for pupils of the Oak Ridge High School.

All Y-12ers Urged To Attend

All Y-12ers and members of their families are urged to attend one of the two showings of "The Carbide Story." It will give all Oak Ridge Carbide employees an opportunity to know more about how other Carbide people work together and their contributions to the scientific and industrial world for the improvement of living conditions.

T. C. Fetherston, assistant manager of the general publicity department of UCC, will give the

Continued on Page 4



SHOWN ABOVE IS THE DISPLAY OF UNION CARBIDE AND Carbon Corporation at "The Carbide Story" at the civic auditorium Thursday and Friday nights of this week.

Y-12ers Eye Holidays And Parties As Year Ebbs; Thanksgiving First On List Next Week

As Annum 1951 gallops along into its last lap Y-12ers already are eyeing holidays and parties ahead. Regular holidays are to be observed on Thanksgiving, Christmas and the old year will be ushered out with another holiday on New Year's. The Thanksgiving holiday, the first on the calendar, will be observed in Y-12 on Thursday, November 22,

and no employees will be required to work on this date except for those whose presence at work is necessary to assure the continuous operation and protection of the plant, such as the skeleton forces which are required to work on Saturdays and Sundays.

Y-12ers and other Carbide employees in Oak Ridge will get a real break in the Christmas holiday schedule. This holiday break will begin Saturday, December 22, and continue through Christmas Day, Tuesday, December 25, including Christmas Eve, Monday, December 24. To compensate for this, Y-12ers will work on Saturday, December 29. On the following week Monday, December 31, New Year's Eve, and New Year's Day, Tuesday, January 1, both will be observed as holidays with Y-12ers working the following Saturday, January 5.

Meanwhile Y-12ers already are looking forward to the two annual events that enliven the Christmas season—the dance-party for adults and the Company-wide party for children of Carbide employees. The dance-party will be held for grown-up Y-12ers on Thursday night, December 20, at the Oak Terrace and the party for the youngsters will be at the Oak Ridge High School on Saturday, December 22.

Complete details on the party for the youngsters with application blanks for tickets will be published in The Bulletin in ample time to notify all parents of the affair.

'TALK TOO MUCH,' GROVES

The United Press has quoted Gen. Leslie R. Groves, one-time head of the Manhattan Project, as saying United States officials "talk too much." He made the comment when informed of an Air Force announcement of development of a pilotless aircraft.

One Y-12 Man Is Drowned, Another Saved From River

William Farr, 45, a millwright in the Y-12 Field Maintenance Department, was drowned Sunday in the Tennessee River just below Ft. Loudoun Dam at Lenoir City, Fletcher DeFord, 44, of Research Services, Farr's companion on a fishing trip, was rescued and taken to Oak Ridge Hospital.

The boat in which the two men were fishing captized when water began flowing through a previously closed power unit, according to TVA authorities.

Farr is survived by his widow, Mrs. Edith Farr, and nine children. Two sons are in the Armed Forces. The Farris live at 127 Wellington Circle.



R. E. Daley
Chemicals Group



W. B. Rowland
Linde Air



V. J. Nolan
National Carbon



F. E. Loeffler
Electro Met.



W. J. Connelly
Bakelite Co.

U-T Man Is Chairman-Elect Of ACS Section For 1953

Dr. H. A. Smith, of the University of Tennessee, was selected as chairman of the East Tennessee Chapter of the American Chemical Society to take office in 1953. Dr. Smith was named at the annual election meeting of the group on November 6.

Dr. Robert Lafferty, of K-25, named chairman-elect last year, will take office as chairman of the section at the January, 1952, meeting of the organization. Other officers, named at the November 6 meeting, who will be installed at the January meeting are Frances Ball, K-25, secretary; George Oliver, K-25, treasurer; Dr. K. T. Bahner, of Carson-Newman, counselor; Dr. C. W. Keenan, University of Tennessee, alternate counselor; and J. Howard Junkins, K-25, member of the executive committee. Dr. Bahner is the retiring chairman of the section.



Y-12 PLANT SUPERINTENDENT W. D. LAVERS, STANDING at head of table, spoke briefly at the opening session of the new series of supervisory conferences for newly appointed and old supervisors in the plant. From Superintendent Lavers to the right around the table are L. N. Williams, supervisor of the Training and Procedures Department, which is conducting the series of conferences; C. W. McCollum, P. E. Ward, Ralph D. Waddell, Hugh P. Rice, Jr., R. E. McIlhenny, W. K. Miller, E. L. Bentley, H. F. Ballenger, R. R. Tippy, C. E. Johnson, Sam King, Jim Bowers, L. C. Hale and Graham Boggs.

M. J. Fortenberry Named President Of Credit Union

Means Is Vice President; Organization Will Close To Catch Up On Work

Morris J. Fortenberry, a chemist in the Materials Chemistry Division, was elected president of the Y-12 Employees Credit Union on Wednesday night, November 7, at a special meeting of the board of directors. Evan W. Means, a craft foreman in Electrical Maintenance, was elected vice president of the organization at the same meeting.

After the meeting the newly



M. Fortenberry



Evan Means

elected president and board members announced that the credit union office in Bldg. 9704-2 would be closed for a business holiday, not to last longer than December 3.

"This is necessary," Fortenberry said last week, because of the rapid growth of the business of the credit union has swamped our office force. With less than two months remaining in the year it is imperative that we catch up on our paper work and records so that an accurate statement may be made at the end of the year. In bringing up the records to date we also will be able to determine what dividends the credit may be able to pay share holders.

Open For Christmas Loans

"There is nothing alarming in the closing period, but we just have to catch up with our work. It is a certainty that the credit union will be open not later than December 3 to accommodate Y-12 employees desiring to make Christmas loans."

The new president of the credit union became a member of the supervisory committee of the organization last spring. He has been a Y-12 employee since March of 1944.

Means has been a member of the board of directors of the credit union since it was organized June 19, 1950, when he was originally elected to the board. He was re-elected to the position at the annual meeting January 26 of this year. He also is a long time employee in Y-12.

SAFETY SCOREBOARD

Your Plant Has
Operated
10 Days
Through November 11
Without A Lost Time
Accident

The Bulletin

Published Weekly By And For
Y-12 Employees Of
CARBIDE AND CARBON
CHEMICALS COMPANY

A Division Of
Union Carbide And Carbon
Corporation

Post Office Box P
Oak Ridge Tenn.

GEORGE W. DOBBS . . . Editor

OFFICE

North Portal, Bldg. 9701-1
Telephone 7753

Newcomers Assume Lead In Attendance

Two departments from away down in the attendance standings came to the front in the Major League during the week ending November 4 to take over top places in the list. Research Services advanced from 13th position to assume the lead with an absentee mark of 1.5 per cent. The Assay Laboratory drive from 12th position to tie for second place with the Administrative Product Department, which was in sixth place the previous week. Both had 1.81 per cent of their personnel absent for the latest reporting period. The clean sweep of the first three places was completed when Stores climbed from fourth place to third and reported an absentee mark of 1.9 per cent.

Three departments were tied at the top of the Minor League standings, each reporting perfect attendance records for the week ending November 4. They were the Fire Department, the only repeater from the previous week; Steam Plant and Utilities Maintenance. The latter two departments were in third and fourth places during the week ending October 28. The Cafeteria advanced from eighth to second place and had an absentee record of .4 per cent for the latest reporting period. General Maintenance Office dropped back from second place to third when it had .056 per cent of its personnel absent, being just ahead of Manufacturing Office with .057 per cent.

The plant-wide absentee record for the week ending November 4 was 3.1 per cent, .3 per cent higher than the preceding week. The record, by departments, follows:

MAJOR LEAGUE

Dept.	Percentage Absent	11-4-51	10-28-51
2018	1.5	1	13
2790	1.81	2	12
2617	1.81	2	6
2142	1.9	3	4
2077	2.1	4	8
2619	2.2	5	5
2091	2.9	6	2
2773	2.97	7	7
2015	3.00	8	10
2618	3.03	9	3
2060	3.1	10	1
2014	3.4	11	9
2003	4.9	12	11
2001	9.0	13	14

Group absentee percentage was 3.1 per cent, .4 per cent higher than the preceding week.

MINOR LEAGUE

Dept.	Percentage Absent	11-4-51	10-28-51
2093	0.0	1	1
2743	0.0	1	3
2005	0.0	1	4
2107	0.0	2	8
2002	0.056	3	2
2133	0.057	4	6
2143	2.08	5	7
2200	2.14	6	1
2008	2.8	7	12
2109	3.8	8	1
2739	3.9	9	9
2090	4.1	10	11
2064	4.6	11	13
2108	4.9	12	10
2616	5.5	13	16
2144	10.0	14	15

Group absentee percentage was 2.7 per cent, .5 per cent lower than the preceding week.

The plant average for the week ending November 4 was 3.1 per cent, .3 per cent higher than preceding week.

SAVE ALUMINUM FOIL

Aluminum foil can be preserved after use by washing it in soapy water. It then should be rinsed, patted dry and smoothed out ready for use again when needed.



6-3630

Y-12 Photos By Vince Moore

MRS. FRANCES HEMPHILL, THE FORMER MISS FRANCES Shamblin of the Y-12 Analytical Laboratory, was honored in the department with a linen shower October 26. Anna Ruth Roberson was hostess at the shower, given at her home, 428 Villanova Road. Guests pictured above are Betty Jean Wardell, Nell Treblecox, Martha McCombs, Maggie Bloomer, Anna Ruth Roberson, Frances Shamblin Hemphill, Muriel Culbertson, Aileen Carpenter, Ida Jackson, Catherine Carroll, Genevieve Bryant, Alice Jamison, Ozella Ward, Fannie Arnold, Elizabeth Patrick and Alice Maxwell. Muriel Culbertson, Aileen Carpenter and Maggie Bloomer were co-hostesses.



Another former Y-12er, now a serviceman for Uncle Sam, broke into the news around these parts over the past week end. He is Harold Little, formerly of Health Physics, who came home to Oak Ridge for a flying visit and became married to Miss Sue Laufermilk, daughter of Roy Laufermilk, of K-25. The marriage took place at 5:30 o'clock Saturday afternoon and the newlyweds were reported to be leaving for Little's new assignment in Florida shortly after the ceremony. For the past several months he has been stationed with the Air Force at Chanute Field, Ill.

Henry Morgan, of the Isotope Research and Production Division, has returned from a pleasant week of vacation spent at home in Oak Ridge. . . . Dr. C. E. Normand and his wife are spending this week's vacation in Texas. . . . Marilyn Fulrath and her husband, Richard, Reactor Technology Division, spent the week end in Illinois.

The Electromagnetic Research Division extends a hearty welcome to Mae Hale, who returned to work last week after a recent illness.

Earl Crow, of Plant Engineering, and his wife vacationed in St. Petersburg, Fla., last week. . . . P. F. Galle is vacationing at home in Knoxville, this week. . . . The department welcomes L. E. Erwin and Byron D. North to its roster.

Research Engineering welcomes Lillian Hatmaker back after a recent illness.

Health Physics welcomes Robert Tilley and Robert P. Waldrop to the roster.

Maola Conner, of the Manufacturing Offices, is visiting Edith Wright, a former Y-12er, in Richmond, Ind., while on vacation this week.

Pauline Lovely, of Receiving and Shipping, is visiting relatives in

Chattanooga while vacationing this week.

The Guard Department received another box of cigars last week—this time from Capt. Charles E. Davis, a former guard, announcing that he is a proud papa. Captain Davis is now on a 30-day leave from the 505th Airborne Infantry Regiment at Fort Bragg, N. C. He is spending his leave at his home in Saltville, Va., and from there he expects to be sent to Korea.

The Material Chemistry Division welcomes J. M. Lesser and R. C. Nelson, two new members, to the roster.

Katherine Dalton, of the Analytical Laboratory, entertained Arkie Jamison's group on Halloween with a chicken dinner at her home in Corryton—everyone had such a good time they are anxious for another "invite." . . . L. Davis spent a recent week of vacation in Birmingham, Ala. . . . Daisy Ward and her husband have returned from a recent week's vacation in Arkansas. . . . V. C. Jackson and his family visited his father in Scandia, Kan., while on a recent vacation. . . . Jack Day and Tom Barton spent a recent week end in Bowling Green, Ky. . . . Wallace Carden attended the Tennessee - North Carolina football game at Chapel Hill, N. C. . . . Maggie Bloomer and her husband spent a recent week end at Camp Campbell, Ky. . . . Ann Wenzler has her brother, Kenneth White—a professional golfer—his wife and daughter, from Battle Creek, Mich., as guests at her home in Clinton. . . . Emil Dittman spent a quiet vacation at his home in Norris, last week. . . . Chick Burnette's group had a recent birthday party—cake and all—for Bonnie Anderson and Emil Dittman. . . . Lodean Butler is vacationing mostly around home in Oak Ridge, this week. . . . Get-well wishes go to Coleen Lockmiller, who has the



KELLY - GRICE

The engagement of Miss Lou Hope Kelly, of the Y-12 Assay Laboratory, and Ray Martyn Grice, Jr., a senior at the University of Tennessee, has been announced by parents of the bride-elect, Mr. and Mrs. J. V. Kelly, of Pennington Gap, Va. The date and place of the marriage will be announced later.

Parents of the groom-to-be are Mr. and Mrs. R. M. Grice, Sr., of Oakdale, Tenn.

Miss Kelly attended Lincoln Memorial University at Harrogate, Tenn. Grice is a senior at the University of Tennessee at Knoxville and will graduate in March, 1952. He served with the Army Air Corps during World War II.



Miss Lou Hope Kelly

Volunteers Missing Blood Gift To Be Booked Later

Any Y-12ers who signed to donate blood for use by servicemen in the Korean fighting area and who were unable to be accommodated because of the over-subscription of number of donors during the visit of the Red Cross Bloodmobile here this week will be booked for another visit of the Bloodmobile here at a later date. The exact date for the visit has not yet been set, officials of the Oak Ridge Chapter of the Red Cross have announced, but probably will be some time in January.

Prior to the visit of the Bloodmobile more than 800 Oak Ridgers had signed up to donate a pint of blood so badly needed on the Oriental battlefields to save lives of wounded men. A large number of Y-12ers were among the volunteers. The Bloodmobile schedule originally had provided time enough for only about 600 volunteers to be served.

flu bug. . . . Mary Nell Rawson has returned from a recent week's vacation at her home in Marion, Miss. . . . Elizabeth Edmonds and her husband, Cleo, of Chemical, entertained several members of Group Three and their guests with a dinner given at their home recently. . . . P. J. Long spent a recent week's vacation at his home in Tellico Plains. . . . Ann S. Harrell was on vacation last week. . . . A speedy recovery is wished for Ida Johnson. . . . The department was glad to see F. E. Clark back last week after a short illness. . . . Everyone was also pleased to hear that W. A. Burns' wife has improved and is home from the hospital.

Sympathy is being expressed for E. P. Burke, of Product Chemical, who is hobbling around on crutches—and his broken ankle in a cast—as a result of a freak accident November 1.

Sign seen on back of intossicated gempman:

Notice: Alcohol anti-freeze in this cooling system. Do not add water.

Use eyes—save pupils.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: Fred D. Williams, Joseph W. Ogden and Willie J. Fowler, Maintenance Shops; Robert Mason and James P. Mulenax, Administrative Normal; Lawrence E. Sikes, Field Maintenance; Willard C. Nelson, Guard; Perry Suber, Buildings and Grounds; Harley L. Allison, General Administrative; Ben L. Houser, General Maintenance Office; Frederick C. Uffelman, Uranium Control and Computing; and Ralph O. Wollan, Health Physics.



Theodore D. Ogle, of the Guard Department, was the only Y-12 employee reported as father of a baby born last week at the Oak Ridge Hospital. He became father of a baby boy born November 7.

Amateur Cinema Club Sets Meeting Tomorrow Night

The Oak Ridge Amateur Cinema Club will hold its November meeting at 8 o'clock tomorrow night, Thursday, November 15, in the Theater of the Atom, Museum of Atomic Energy, Jefferson Circle.

The third film of the Harmon Foundation industrial series on making good movies, entitled "Common Errors and How to Avoid Them," will be shown.

Second will be "Fundamentals of Football." This film explains the game with its rules and regulations and also makes an excellent pattern to be used in filming an explanatory movie of any kind, showing the appropriate use of close-ups, slow motion and long shots. The showing of this month's Members' Film by Jim Puckett will follow.

Closing the meeting will be another film from the Amateur Cinema League library, entitled "Desert Life," by Henry Hird.

6-3633



Hi-Jinx At Halloween were enjoyed by this group of merry-makers from the Analytical Chemistry Division. At left apple dunkers Tibby Miller and Bill Miller do their stuff as, from left in rear, Janet Debman, George Nessel, Merle Nessel, George Peterson and Gloria Peterson look on. In the center picture Warren Grimes

6-3632



and Connie Balitsis look over souvenirs of the occasion. What the folks at the right are doing is anyone's guess—but those standing are Louise Bolomey, Sue Ross, Glen Jewett, Rene Bolomey, Bun Clewett, Martha Blankenship and Jim White. At front left is John Lund.

6-3634



CARDS TO MEET WIZARDS, ROBINS MOVE GAME UP

Seven of 14 Sons of Y-12ers On Jefferson Junior Football Squad Make Letters in 1951; Fundamentals, Sportsmanship Stressed

Y-12ers and their youngsters usually are found having a finger in the pie in many Oak Ridge sports and civic activities—and participation on the 1951 edition of the Jefferson Junior High School football team is just another pie. Of the 20 youthful gridders on the Eagle squad of the season who won letters, seven were sons of Y-12ers. Among them was Sammy King, captain and center of the team.

Others sons of Y-12ers who made their "J" on the squad were Freddie Mitchell, Wayne Schrader, Gale Helton, Bobby Richards, John Riner and Richard Powell. More Y-12 youngsters on the squad included Don Stinnett, Preston Dillard, Jack Wagner, Stanley Minge, Ed Pollard, Joel Dunlap and Tommy Harris.

The Eagles this year were handicapped by a school ruling allowing only seventh and eighth graders to play on the junior high school squad, the ninth grade boys previously available, being sent to the Oak Ridge High School. As a result they were overmatched in most games against normal junior high school teams but posted a creditable record of two games won and three lost. The Eagles took two from T. M. I. freshmen by 7 to 0 and 19 to 0, dropped one to Greeneville, Tenn., freshman by 21 to 7 and lost two to Everett High School freshmen and soph-



6-3612

Y-12 Photo By Vince Moore

THESE YOUNGSTERS OF Y-12ERS HAVE BEEN FLYING high for the Jefferson Junior High School Eagles during the recently closed season. Front row, from left, Freddie Mitchell, Don Stinnett, Preston Dillard, Jack Wagner, Stanley Minge and Joel Dunlap. Second row, Ed Pollard, Wayne Schrader, Gale Helton, Sammy King (team captain), Tommy Harris and Bob Richards. In the rear are John Riner and Richard Powell.

omores by 27 to 7 and 14 to 7. As noted, the Eagles scored in every game and gave all of their bigger foes a tough scrap.

The Eagles have been tutored for five years by Head Coach Nick Orlando, a native of New Jersey and student at Rhode Island State and Columbia. For the past three years he has been assisted by John Tighe, a Springfield, Tenn., native who played his football at T. P. I. They have specialized in teaching their young charges the important

fundamentals of the game and—most of all—good, clean sportsmanship. The Oak Ridge school system naturally makes the Jefferson Junior High School outfit a "training ground" for the high school squad, and many of the Wildcat stars have been developed by Coaches Orlando and Tighe and proved themselves worthy alumnae of the Blue and Gold.

Over a period of five years the Eagles have won 23 games, lost 10 and tied two.

Plant League Organizational Meeting Is Called For Friday

Basketball Bee Buzzes; Smyrl To Coach Men's Team As More Candidates Report For Drills

BASKETBALL CALENDAR FOR Y-12ERS

Varsity practice sessions Monday and Wednesday nights, Jefferson Junior High School gymnasium, 6 p. m., men, 7:30 p. m., women.

Plant league team managers meet at 3 o'clock Friday afternoon, November 16, Recreation Office, North Portal.

Robins play Athens women Friday night, November 23, at high school.

Cardinals play Whiskered Wizards Sunday night, November 25, at high school.

The old basketball bee started buzzing in earnest around Y-12 last week with prospects picking up all along the line. The Robins, feminine contingent on the hardwood, continued their practice drills and are looking forward to their initial encounter next week. More candidates reported for the Cardinal squad including several likely looking new prospects to indicate that the men will have a good outfit during the coming season.

Game Is Moved Up

Y-12 cage fans will be given an opportunity to see the plant teams in action next week end as they pry the lids off the season. The Robins will meet Athens at 8 o'clock Friday night, November 23, at the new high school gymnasium. This game originally set for Saturday night, November 24, but was moved forward to allow players and fans alike desiring to attend the Tennessee-Kentucky football game in Lexington to do so.

The Cards will get their first action at the same time and place Sunday night, November 25. The opposition will be the Whiskered Wizards, an outstanding touring bunch of basketeers featuring whiskers, clever ball handling and sharpshooting at the rims. Among the Wizard personnel will be Jack Garrett, who played with the Cards last year after a season or so with the bearded boys.

Smyrl To Coach Cards

Joe Smyrl, of the Chemical Department and formerly in the Recreation Office, will coach the Cardinals this season. He is a graduate of Oberlin College in Ohio, where he majored in physical education and also played basketball. The coach for the Robins has not yet been appointed, the squad so far having worked out under the direction of Recreation Supervisor Arnold Tiller.

All departments and groups in Y-12 wishing to be represented in the plant league are urged to have managers, coaches or interested players on hand at an organizational meeting to be held at 3 o'clock Friday afternoon of this week at the Recreation Office, North Portal. Prospective teams who cannot send representatives to the meeting are asked to notify the Recreation Office, telephone 7753. It is important to know how many teams intend to enter the league so that gymnasium space may be obtained for practice sessions and games.

had the best single game scores, a 186 scratch and 229 handicap effort. Shirley Henry, of the Controllers, posted a 469 scratch series for tops and Ethel Williams, of the Hi Balls, had a 602 handicap series.

Team scoring honors were divided four ways. The Kemps had the best scratch game of 726. The Make Ups' 970 handicap game was best of the night as was the Controllers' 2933 scratch series. The Woes topped the bunch with a 2768 handicap series.

League standing follows:

Team	W	L
Kemps	17	10
Woes	16	11
Mix Ups	15	12
Controllers	14	13
Cracker Jax	13	14
Hi Balls	12	15
Make Ups	11	16
Strikettes	10	17

If trees serve no other purpose they make us look up.

Y-12 SPORTS

Figures Don't Lie—Much—But Mr. T. Confuses GridWorld

Thumbing off the edges of several record books and wearing out two of Mr. Carbine's pencils down to the nub Y-12 Recreation Supervisor Arnold Tiller—a great man with figures—last week came up with this dilly on football figuring. Take it away, paragraph by paragraph, and see the stuff from which gridiron "experts" are made. All of this figurating, of course, was done before last Saturday's games.

Vanderbilt beat Chattanooga by five points.

Vanderbilt beat Mississippi by 14 points, making Chattanooga nine better than Ole Miss.

Vanderbilt lost to Georgia Tech by one point, making Chattanooga six points off the Engineers.

It Begins To Get Good

Georgia Tech beat Kentucky by six points, making Chattanooga and the Wildcats all even.

Georgia Tech beat Southern Methodist by 14 points, making Chattanooga 14 points up on the Mustangs.

Southern Methodist beat Notre Dame by seven points, making Chattanooga 21 points to the good on the Irish.

Notre Dame walloped Indiana, therefore Chattanooga is 54 points better than the Hoosiers.

Indiana thumped Ohio State by 22 points, so Chattanooga is 76 points to the good over the Buckeyes.

Michigan State topped Ohio State by four points, so Chattanooga is only 72 points better than the Spartans.

Tennessee topped Chattanooga by 19 points.

Tennessee whacked North Carolina by 27 points, making Chattanooga eight points better than the Tarheels.

Maryland edged North Carolina by seven points, so Chattanooga therefore is one point up on the Terrapins.

As a result of this figuring—maybe the bowl boys better consult with Mr. T. before making their choice. Chattanooga Coach Scrappy Moore also should be interested—as would other coaches concerned.

FRANCE EYES ATOM PLANT

Francis Perrin, French high commissioner for atomic energy, said in a recent radio broadcast that an experimental atomic plant might be put in service in France by 1950 and developed for industrial use in the ensuing 15 years.

Today is the day to prevent accidents. Not tomorrow.

Old Men, Grocers Blank Foes To Hold Tie In D League

The Old Men took a hitch in their galluses in their alley activities last week in the D League and banged out a whitewash victory over the Hoboes. It was a "must" win for the elderly gents as the aspiring Grocers handed a similar defeat to the Isotopes and maintained the tie for first place in the plant bowling circuit. The Woodchucks gnawed three points off the top of the Toppers and the Activators and Vectors divided four points in the other loop engagement.

Although rolling for a losing cause Leo Caldwell, of the Isotopes, did most of the top scoring for the night. He posted a 215 scratch game, 243 with handicap and a 530 scratch series. Ray Duckworth, of the Grocers, got a 619 handicap series.

The Woodchucks rolled a 786 scratch game, boosted to 981 with handicap for tops. The Grocers had a 2225 scratch series and the Old Men a 2805 handicap series, both best of the night.

League standing follows:

Team	W	L
Old Men	27	13
Grocers	27	13
Activators	22	18
Woodchucks	22	18
Toppers	21	19
Hoboes	16	24
Isotopes	13	27
Vectors	12	28

Badminton Squad Sets Practices

Candidates for the Y-12 badminton team are warming up the birds and racquets for the coming season and have set practice sessions for 8 o'clock Thursday night and 2 o'clock Sunday afternoon at the Jefferson Junior High School gymnasium (the old Oak Ridge High School.) All enthusiasts of the game are urged to report at the drills so that a line can be obtained on the possible strength of the team. In past years Y-12 has been well represented on the indoor court and prospects are believed bright for another good season.

Y-12 Pistol Packers Prevail Over Police

The Y-12 pistol team under the leadership of Harry Hoy as captain, banged back last week for a victory over the Oak Ridge Police team by a score of 960.121 to 941.120. The win gives the Y-12ers an even split in their two matches so far in the Oak Ridge Pistol League as they dropped their initial engagement to the Independents.

The Y-12 individual scores, scratch and handicap, were Woodward 157—193.120; LaVerne 143—190.880; Blair 150—189.361; Bush 136—188.760; and Hoy 125—188.000.

Wasps Sting Cubs, Comets Collect Win To Tie D Loop Race

The lowly Wasps of the B League of plant bowlers became infuriated last Thursday night and landed three stinging blows on vulnerable spots of the previously loop leading Cubs. This defeat, coupled with a four-point whitewash win by the Comets over the One-91 keggers, sent the league lead into a tie. Meanwhile the Wolves took the Rippers for three and the Bumpers scored a similar win over the Tigers. Even splits were staged by the All Stars and Rebels and the Bums and Bldg. 9211.

Potter, of the Tigers, took most of the individual scoring tops of the night. He posted a 222 scratch game, a 586 scratch series and 646 handicap series. J. Thomas, of the Cubs, had a 254 handicap game and the Bumpers a 2397 scratch series and 2911 handicap series for leading team performances.

League standing follows:

Team	W	L
Cubs	28	12
Comets	28	12
Wolves	25	15
Bumpers	24	16
All Stars	23	17
Rebels	19	21
Rippers	18	22
Bldg. 9211	18	22
Bums	17	23
Tigers	15	25
One-91	13	27
Wasps	12	28

'Canes Blow Chance For C Loop Advance; Hooks Divide Points

The Hooks managed to gain only an even split with the Thin Pins in C League bowling last week but the Hurricanes blew a chance to advance in the circuit by losing three points to the Hornets. The Guards stepped up a notch by whipping the Moles for four points and the Short Circuits sparked as they trimmed the Orphans for three.

The Short Circuit boys monopolized individual scoring honors. Maness has the best single game scores of 227 scratch and 266 handicap. Favatella banged a 531 scratch series, boosted to 633 with handicap.

Four teams got into the top scoring brackets. The Hurricanes had the best scratch game of 833, the Short Circuits the top handicap game of 1019, the Orphans the leading scratch series of 2452 and the Hornets the outstanding handicap series of 2857.

League standing follows:

Team	W	L
Hooks	23	13
Hurricanes	21	15
Hornets	20	16
Orphans	19	17
Thin Pins	18	18
Guards	17	19
Moles	13	22
Short Circuits	12	24

Controllers Advance To First Division; Other Leaders Win

The Kemps, Woes, Mix Ups and Controllers each won two out of three games in the W League last week with the Hi Balls, Make Ups, Cracker Jax and Strikettes, respectively, being the victims. When the standings were computed after the pin smashing a perfect stairway of figures resulted with one game separating each team in the ladder and no ties existing anywhere along the line for the first time this season. The only change in the standings is that the Controllers replaced the Cracker Jax in fourth place.

Mary Cusman, of the Mix Ups,

**CARBIDE AND CARBON
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**Rides Wanted
And Offered**

Three Riders Wanted—From Rockwood, straight day. J. A. Abston, plant telephone 7449.

Two Riders Wanted—From Knoxville uptown or West Knoxville, straight day. Bessie Martin, plant telephone 7148, home telephone 2-5800.

Ride Or Riders Wanted—Oak Ridge Institute of Nuclear Studies employee living in Kingston wants ride or riders, straight day. Helen Lewis, Oak Ridge telephone 5-8411, home telephone 5322.

Ride or Riders Wanted—From Sutherland Avenue, Knoxville, straight day. Joyce Clevenger, plant telephone 7341, home telephone 8-4136.

Ride Wanted—From Park City section of Knoxville, straight day. W. F. Vaughn, plant telephone 7321, home telephone 2-1873.

**Copies Of Branched Chain
Wanted For Foreign Group**

Members of the East Tennessee Section of the American Chemical Society have been asked to rummage around and dig up their November copies of The Branched Chain, official publication of the organization.

The purpose, according to Roberta McCutchen, of Y-12, is to find enough copies to send to members of the foreign group who visited Oak Ridge September 20 under auspices of the ASC. The magazine contains a story of the visit and pictures made of the visitors on their tour of Oak Ridge.

Any Y-12er having a copy of The Branched Chain for November is urged to send it to Roberta McCutchen, Room 8-A, Bldg. 9733-2. She and Dr. K. T. Bahner, retiring chairman of the ASC section, will see that the magazines are sent to the foreign scientists as souvenirs of their visit to Oak Ridge and as a gesture of good will.

**Carbide Wives Will Hold
Meeting On November 21**

The monthly meeting of the Carbide Wives will be held at 7:30 o'clock next Wednesday night, November 21, in the East Lounge of the Ridge Recreation Hall, Canasta and bridge will be played and all wives of Y-12 employees are invited to attend.

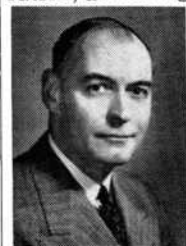
Hostesses for the party next week will be Mesdames Frank Wyatt, J. P. Tassoney, Grady Simpson, D. W. Burton, A. H. Fowler and L. T. Murphy, Jr.

**ORNL Consultant
To Address Seminar**

Dr. E. P. Wigner, consultant at the Oak Ridge National Laboratory from the Palmer Physical Laboratory, will speak at the weekly meeting of the Oak Ridge Physics Seminar at 4 o'clock Friday afternoon, November 16. The meeting will be held in the East Lounge of the Ridge Recreation Hall. Dr. Wigner's topic had not been determined last Friday.

**A. S. Johnson Named
National Carbon Head**

Adger S. Johnson has been appointed President of National Carbon Company, a Division of Union Carbide and Carbon Corporation, according to J. M. Spangler, National Carbon's Chairman. Johnson has been Vice-President and General Manager of National Carbon Company since May, 1950.



A. S. Johnson was born in Charleston, S. C., and grew up in Blacksburg, Va. He attended Virginia Polytechnic Institute there which awarded him a degree in Chemical Engineering in 1928. Upon graduation he entered the employ of National Carbon Company, and in 1933 was assigned to the Eveready battery plant in Shanghai, China. By 1939 he had become Superintendent of this plant.

He then was recalled to the United States, where he served as Superintendent at several National Carbon plants. In 1944 he was made Assistant to the Vice-President in charge of Production. Four years later Johnson became Vice-President in charge of foreign plants, and in 1950 he was appointed Vice President and General Manager.

**Pauline Calfee Funeral
Held In North Carolina**

Funeral services were held at 2 o'clock Monday afternoon, November 12, at Lincolnton, N. C., for Mrs. Pauline A. (Polly) Calfee, of the Y-12 Plant Records Department, who died unexpectedly Saturday morning. She came to work in Y-12 November 29, 1950, but had been off work since September 18 because of illness. She underwent major surgery and was believed to be on the road to recovery when she collapsed at her home Saturday and died shortly afterward at the Oak Ridge Hospital. Among her survivors are her husband, Fay Calfee, well known in Oak Ridge and Knoxville baseball circles.

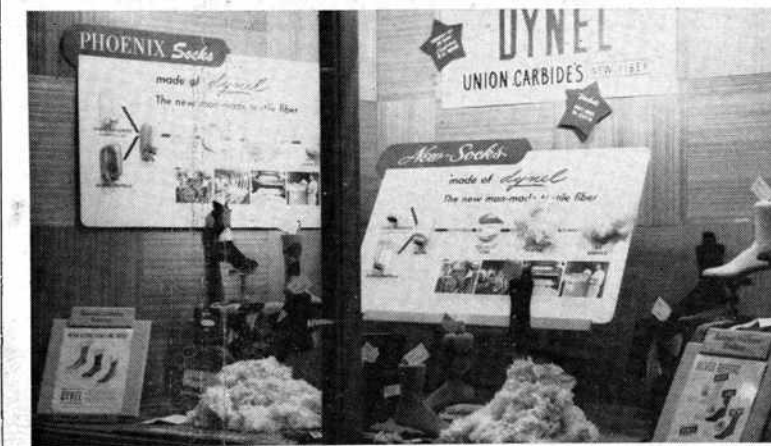
**Y-12ers Invited To Attend
St. Stephens Christmas Fete**

All Y-12ers and members of their families are invited to the fifth annual Christmas bazaar sponsored by St. Stephens Episcopal Church, to be held Saturday, November 17, in the parish hall of the church.

On sale will be hand-painted articles, needlework, aprons, children's clothing, infant's clothing, hand-tooled leather articles, books, Christmas cards, candy, pastries, preserves, cheese and New England food specialties. Entertainment and care will be provided for children and a snack bar will be open all day.

Mrs. Douglas Lavers will serve as chairman of the pastry table.

See "tots" before your eyes.

**Comfortable Clothing—Fireproof Draperies Now Made From Dynel,
Remarkable New Chemical Textile Fibre Developed By Carbide**

CARBIDE'S NEW FIBRE, DYNEL, IS BEING WIDELY USED in clothing—such as the men's socks shown above, because it is soft to the touch and can be used in fabrics for many purposes.

**UCC Activities Told
In 'Carbide Story'**

Continued from Page 1
background of Union Carbide in opening the program. Then will follow the talks by representatives of the various units.

Chemicals Work Described

R. E. Daley, assistant sales manager, Carbide and Carbon Chemicals Company, operators of the Oak Ridge atomic energy installations for the Atomic Energy Commission, will describe the widespread activities in the Chemicals Group of Union Carbide. Carbide and Carbon Chemicals Company today produces more than 300 chemicals, many of them in tank car quantities. These chemicals are used by just about every industry imaginable—such as automotive, aircraft, chemicals, metals, paper, pharmaceuticals, photographic, plastics, printing, rayon, rubber and textiles.

The earliest of Union Carbide's major chemical plants, at South Charleston, W. Va., is perhaps the largest of its type in the country. It is a city in itself, filled with miles of pipe lines, tanks and columns—many so mammoth that they dwarf the operators who man them. Other major plants of Carbide and Carbon Chemicals Company are located at Texas City, Tex.; Institute, W. Va.; Whiting, Ind.; and Niagara Falls, N. Y.

Others On Program

In addition to this feature of the program, V. J. Nolan, manager of the industrial sales promotion and development of National Carbon Company, will speak on Electrodes, Carbons and Batteries. Industrial Gases and Carbide will be described by W. B. Rowland, Eastern manager, process service, Linde Air Products Co. F. E. Loeffler, of the Electro Metallurgical Company, will outline work of UCC in Alloys and Metals. The field of Plastics work done by UCC will be described by W. J. Connelly, assistant director of public relations of the Bakelite Company.

"The Carbide Story" requires about two hours to tell—including the talks and demonstrations. Ample time will be provided to view the various exhibits that will be on hand to show the processes and products of the Corporation.

50,000 Attend Program

Y-12ers and other Oak Ridgers who saw "The Carbide Story" here in 1947 will remember the impression made by the exhibits. Since that time the program and exhibits have been expanded and brought up to date and the present edition has been viewed by approximately 50,000 persons in recent showings at the World Chemical Conclave in New York City, at the open house of the Mellon Institute at Pittsburgh, Pa., and Morris Harvey College at Charleston, W. Va.



DYNEL DRAPES PASS THE blowtorch test! That's because the new fibre developed by Carbide scientists is self-extinguishing as a result of the use of vinyl chloride in the processing of the material.

**Union Carbide Forms
International Firm**

Union Carbide International Company, a Division of Union Carbide and Carbon Corporation, has been formed to succeed the Foreign Department of the Corporation effective November 1, 1951, it is announced by Fred H. Haggerson, President.

Alexander MacKenzie has been appointed President of Union Carbide International Company, R. V. Farrell, H. P. Martin and George C. Wells have been appointed Vice-Presidents, and N. H. Downs has been appointed Secretary-Treasurer. MacKenzie has been Director and Ferrell and Martin Assistant Directors of the Foreign Department. Wells has been in charge of overseas plant operations of National Carbon Company and Downs is a member of the Finance Department of the Corporation.

Established production, sales and distribution of Union Carbide products throughout the world will be continued unchanged.

**Playhouse To Give Dance;
Y-12ers In Floor Show Cast**

The Oak Ridge Community Playhouse will hold its annual fall dance on Saturday night, November 17, at the Playhouse headquarters on Robertsville Road. The dance will be from 9 p. m. to 1 a. m. with music provided by Clarence Neal's orchestra.

A feature of the entertainment will be a floor show by Playhouse members. Y-12ers in the show will be Margaret Ross, Virginia Means, Jim Muir and Charles Blake. Y-12ers wishing to attend may obtain reservations from Blake, telephone 7557. Admission is \$1.50 per person, and, according to Playhouse members, includes all kinds of refreshments.

One of the latest achievements for the betterment of living by scientists of Carbide and Carbon Chemicals Co., a division of Union Carbide and Carbon Corporation, is the development by the textile fibres department of a remarkable, man-made chemical textile fibre—Dynel.

Used In Many Fabrics

This synthetic textile fibre already has been put to many uses—including articles of clothing and draperies. Dynel now is being utilized in a number of fabrics and scientists are continuing work in seeking even more roles for the fibre.

The Dynel fibre is soft and pleasant to the touch, and so has been used by a manufacturer of men's hose that have become popular because of their comfort and neat appearance. Dynel undoubtedly will make its appearance in other types of clothing.

Dynel Is Fire Resistant

Dynel also is being made into drapes that are beautiful to view and yet so fire-resistant that they have been approved by official bodies as safe for use in hotels and other places of public assembly. Dynel is self-extinguishing and won't support combustion. The new fibre will burn slowly at the point of direct contact with an open flame, but its permanent "built-in fire extinguisher" stops the burning when the flame is removed.

This "built-in fire extinguisher" is vinyl chloride and comprises 60 per cent of the fibre.

Other Good Qualities Cited

Dynel is processed in 12 different chemical steps from basic gases, salt and air. Fabrics made from Dynel are completely washable, don't shrink and dry quickly. They also have extraordinary resistance to chemicals and stains and most acids and alkalis and detergents will not harm them. Moths won't eat Dynel and the fabric also is mildewproof.

**Y-12 Keglerettes
Edged Out Again**

Those Y-12 varsity keglerettes seem to have a positive genius for dropping the close ones. They were nosed out again last Thursday night by the Oak Ridge National Laboratory lassies for two out of three games with the total pinnage difference being just 22. ORNL leading by 1999 to 1977. The Labsters took the first game by 693 to 652, Y-12 grabbed the second by 660 to 614, but the victors rallied for a 692 to 665 win in the deciding tilt. The Y-12ers now are in sixth place in the Oak Ridge City League.

Mozelle Kennedy banged out a 466 series to top the Y-12ers, putting together games of 144, 148 and 154. Following were Betty Whitehorn 118 138, 141—397; Katie Williams 141, 130, 120—391; Margaret O'Neal 126, 138, 108—372; and Ruby McGinnis 123, 106, 142—371.

**Bowlers Of Y-12
Down Simpson Team**

The Y-12 men's varsity bowling team returned to winning ways Monday night, November 5, when they blanked the Simpson keglers for four points in the Oak Ridge City League. The Y-12ers were in fourth place after the pins stopped falling.

The Y-12 team scores were 839, 878, 927—2644, to 779, 854, 790—2481 for Simpsons. Frank Gragg led the Y-12 scorers with 197, 172, 180—549; with other tallies being Jack Spears 146, 181, 215—542; Len Hart 171, 169, 185—525; Ernie Cobble 163, 176, 178—517; and Roy Roberts 162, 180, 169—511.

One thing much needed is reaction to knee-action.